# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 2 | "6298244".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/13 13:35 |
| L2 | 2 | "5,794,131".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/13 13:35 |
| L4 | 2 | "6298244".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/13 13:55 |
| S2 | 19 | (MOLOUDI near SHERVIN).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/10 19:26 |
| S3 | 2 | "20040185781".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/13 13:55 |
| S4 | 19 | (SHERVIN near MOLOUDI).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/10 19:44 |
| S5 | 2 | "20040185781".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/10 19:45 |

# EAST Search History

| S6 | 4677 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 15:46 |
|----|------|---------------------------------------------------------|----------------------------------------------------------|-----|-----|--------------------|
| S7 | 1465 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 15:50 |
| S8 | 729 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 16:41 |
| S9 | 2 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021") and (455/139 or 455/63.1 or 455/39 or 455/20 or 455/114.1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 15:52 |
| S10 | 7 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021") and harmonic and buffer$3 and (divid$3 or division or mix$3 or amplif$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 16:06 |
| S11 | 729 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 16:07 |
| S12 | 11 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021") and (first near5 harmonic) and (second near5 harmonic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 16:09 |

| S13 | 56 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021") and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 16:46 |
|-----|-----|-----|-----|-----|-----|-----|
| S14 | 65 | ((reduc$4 or cancel$6 or notch$3) same (phase adj noise)).ab. and (@ad<"19991021" or @prad<"19991021" or @rlad<"19991021") and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 17:58 |
| S15 | 208 | ((reduc$4 or cancel$6 or notch$3) same ((phase adj noise) or (phase with noise))).ab. and (@ad<"19991021" or @prad<"19991021" or @rlad<"19991021") and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 17:58 |
| S16 | 250 | ((reduc$4 or cancel$6 or notch$3 or suppres$4) same ((phase adj noise) or (phase with noise))).ab. and (@ad<"19991021" or @prad<"19991021" or @rlad<"19991021") and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 17:59 |
| S17 | 137 | ((reduc$4 or cancel$6 or notch$3 or suppres$4) same ((phase adj noise) or (phase with noise))).ab. and (@ad<"19991021" or @prad<"19991021" or @rlad<"19991021") and harmonic and (divid$3 or mix$3 or amplify$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:06 |
| S18 | 274 | ((reduc$4 or cancel$6 or notch$3 or suppres$4) same ((phase adj noise) or (phase with noise))).ab, ti. and (@ad<"19991021" or @prad<"19991021" or @rlad<"19991021") and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:08 |
| S19 | 23220 | (phase noise or phase near3 noise) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:09 |

| S20 | 6965 | (phase noise or phase near3 noise).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:09 |
|-----|------|----------------------------------------|---------------------------------------------------------|-----|-----|-------------------|
| S21 | 3991 | (phase noise or phase near3 noise).ab. and (cancel$6 or suppres$4 or reduc$4 or notch$3 ) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:11 |
| S22 | 104 | (phase noise or phase near3 noise).ab. and (cancel$6 or suppres$4 or reduc$4 or notch$3 ) and (mix$3 or divid$3 ) with reference and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:12 |
| S23 | 57 | (phase noise or phase near3 noise).ab. and (cancel$6 or suppres$4 or reduc$4 or notch$3 ) and (mix$3 or divid$3 ) with reference and harmonic and (@ad<"19991021" or @prad<"19991021" or @rlad<"19991021") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:18 |
| S24 | 104 | (phase noise or phase near3 noise).ab. and (cancel$6 or suppres$4 or reduc$4 or notch$3 ) and (mix$3 or divid$3 ) with reference and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 19:46 |
| S29 | 457 | 455/317 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 20:03 |
| S30 | 47 | 455/317 and buffer and phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 20:10 |

| S31 | 337 | 455/317 and phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 20:14 |
|-----|-----|---|---|---|---|---|
| S32 | 2 | "5086512".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 20:18 |
| S33 | 2 | "5179728".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 20:39 |
| S34 | 16 | ("2993958" \| "4893316" \| "5033110").PN. OR ("5179728"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/11 20:19 |
| S35 | 2 | "5086512".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/11 20:40 |
| S36 | 141 | harmonic trap | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 10:12 |
| S37 | 98 | harmonic trap and phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 11:23 |

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| S38 | 2 | "5179728".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 11:23 |
|---|---|---|---|---|---|---|
| S39 | 16 | ("2993958" \| "4893316" \| "5033110").PN. OR ("5179728"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 11:23 |
| S40 | 44 | ("2186068" \| "2245385" \| "2431212" \| "3121221" \| "3350645" \| "3378774" \| "3569836" \| "3628154" \| "4352210" \| "4545072" \| "4661995" \| "4723306" \| "4870699" \| "4879758" \| "4905305" \| "4932072" \| "5109532" \| "5163181" \| "5179728" \| "5230094" \| "5355524" \| "5410747" \| "5461344").PN. OR ("5794131"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 11:32 |
| S41 | 16 | ("2993958" \| "4893316" \| "5033110").PN. OR ("5179728"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 11:35 |
| S42 | 44 | ("2186068" \| "2245385" \| "2431212" \| "3121221" \| "3350645" \| "3378774" \| "3569836" \| "3628154" \| "4352210" \| "4545072" \| "4661995" \| "4723306" \| "4870699" \| "4879758" \| "4905305" \| "4932072" \| "5109532" \| "5163181" \| "5179728" \| "5230094" \| "5355524" \| "5410747" \| "5461344").PN. OR ("5794131"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:07 |
| S43 | 2 | "5086512".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:08 |

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| S44 | 11240 | reduc$4 with phase with noise | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:21 |
|---|---|---|---|---|---|---|
| S45 | 3839 | (reduc$4 with phase with noise). ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:22 |
| S46 | 1 | (reduc$4 with phase with noise). ab. and 455/317 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:31 |
| S47 | 10 | (phase with noise).ab. and 455/317 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:24 |
| S48 | 16 | ("3611145" \| "3768028" \| "3821482" \| "3940709" \| "4216430" \| "4759071" \| "5148117" \| "5554958" \| "5617061" \| "5625322" \| "5642076" \| "5703529").PN. OR ("5796850").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:31 |
| S49 | 24655 | (phase same noise).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:32 |
| S50 | 26002 | (phase same noise).ab,ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:32 |

| S51 | 1694 | (phase same noise).ab,ti. and harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 14:32 |
|-----|------|----------------------------------------|---------|-----|----|-----|
| S52 | 258 | (phase same noise).ab,ti. and harmonic and ("455"/$.ccls. or "375"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 15:59 |
| S53 | 504 | signal near5 frequency near6 harmonic near6 attenuat$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 16:01 |
| S54 | 106 | signal near5 frequency near6 harmonic near6 attenuat$3 and ("455"/$.ccls. or "375"/$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 16:02 |
| S55 | 1 | harmonic trap with transistor and (differential or quadrature) signal generator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:27 |
| S56 | 1 | harmonic trap same transistor and (differential or quadrature) signal generator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:27 |
| S57 | 1 | harmonic trap same transistor and (differential or quadrature) signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:28 |

# EAST Search History

| S58 | 27 | harmonic trap same transistor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:47 |
|---|---|---|---|---|---|---|
| S59 | 20 | harmonic with trap and differential with transistor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:53 |
| S60 | 5 | harmonic near3 trap and differential transistor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:55 |
| S62 | 0 | harmonic trap same differential transistor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:57 |
| S63 | 376 | differential transistor same buffer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:59 |
| S65 | 37 | differential transistor same buffer and "455"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 17:59 |
| S66 | 73 | (notch$3 or cancel$6 or eliminat$4 or reduc$4) same region near4 harmonic near4 frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 20:17 |

| S67 | 12 | differential signal and quadrature signal and 455/317 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/12 20:20 |
|---|---|---|---|---|---|---|
| S69 | 2 | "5179728".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/13 10:53 |
| S70 | 2 | "7068985".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/06/13 10:53 |